QUEBEC ENVIRONMENTAL SCIENCE AND TECHNOLOGY, SECONDARY IV · UNIT A · 5 QUESTIONS

Material World and the Environment — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A circuit carries a current of 5 amperes through a resistance of 6 ohms. By Ohm law the voltage, in volts, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A device operates at 6 volts and 4 amperes for 25 seconds. The electrical energy used, in joules, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Three researchers in white suits collecting water samples from a river. A river sample contains 240 milligrams of solute in 8 kilograms of water. Its concentration, in parts per million, is**



ANSWER

Understand It with Pulse | Flag a mistake

4 **A solution contains 20 moles of solute in 4 litres of solution. Its concentration, in moles per litre, is**

ANSWER

Understand It with Pulse | Flag a mistake

5 **Lewis notation represents an atom by its symbol and its**

A protons

B valence electrons

C neutrons

D mass number

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 30
2. 600
3. 30
4. 5
5. B

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